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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: W. James Jackson

Application No.: 09/677,752

Group Art Unit: 1645

Filed: October 3, 2000

Examiner: V. Ford

For: **CHLAMYDIA PROTEIN, GENE
SEQUENCE AND USES THEREOF**

Attorney Docket No.: 7969-087-999

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RESPONSE UNDER 37 C.F.R. § 1.111 WITH AMENDMENTS

Assistant Commissioner for Patents
U.S. Patent and Trademark Office
P.O. Box 2327
Arlington, VA 22202

Sir:

In response to the outstanding Office Action dated June 1, 2001, please enter the amendments below and consider the following remarks. Submitted herewith are: (1) Appendix A, a copy of a marked version of the specification as amended herein; (2) Appendix B, a copy of a marked version of the claims as amended herein; (3) Appendix C, a copy of all the currently pending claims; (4) Exhibit A consisting of a PMPE amino acid sequence and nucleotide sequence encoding PMPE of the plasmid M15 pREP (pQtE-pmpE - Ct) #37 having ATCC No. PTA-2462 and a BLAST comparison of the amino acid sequence with SEQ ID No: 2; (5) Exhibit B consisting of data obtained in experiments assessing the use of PMPE polypeptide according to the invention in a relevant animal model for *Chlamydia* infection; (6) A Declaration Under 37 C.F.R. §1.131 of Dr. W. James Jackson with attached Exhibits 1-12-C; (7) A Statement Regarding the Microorganism Deposit; (8) a Submission of Formal Figures under separate transmittal; (9) a revised PTO Form 1449